I Claim:

1. An apparatus for determining an operational status of a bilge pump, consisting of : a) An electronic circuit having timing and logic to determine said operational status of said bilge pump (b) A water detection means at the downward pointing exit of the bilge pump system indicating that water is present and therefore indicating output flow of said bilge pump system (c) A pump state detecting means wherein the state of said bilge pump either being ON when said bilge pump has been activated for any reason or OFF whenever said bilge pump is not activated (d) A means for communicating said output flow to said electronic circuit (e) A means for communicating said pump state to said electronic circuit (f) A means of alerting an operator of a system failure (g) A means of alerting said operator of said pump state (h) A means of alerting said operator of said output flow.

2. Said apparatus of claim 1 wherein said system failure is indicated whenever said pump state is ON and said output flow has not been detected for a predetermined amount of time from the instant said pump state changed from OFF to ON indicating said system failure.

3. Said apparatus of claim 1 wherein said pump state is alerted whenever said pump state is ON.

4. Said apparatus of claim 1 wherein said output flow is alerted whenever said output said water detection is indicated at the downward pointing exit of the bilge pump system.

5. Said apparatus of claim 1 wherein an optional capacity alert may be generated whenever said output flow detection has been indicated for a predetermined amount of time whereas the alert indicates excessive leakage.